

# **FOOD PROCESSING DEVICE DRIVEN BY ONE SINGLE MOTOR**

## RELATED U.S. APPLICATIONS

Not applicable.

## STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

Not applicable.

## REFERENCE TO MICROFICHE APPENDIX

Not applicable.

## FIELD OF THE INVENTION

[0001] Present invention relates to a food processing device driven by one single motor and used at the sites of food preparation, characterized in that onto the motor block of a kitchen robot (1-1), an elastic, twistable and extendable-shrinkable (flexible) motion transfer element (1-4) that is attached via a detachable sleeve group (1-3) is provided and any special functioning accessory (1-5) is actuated through control of a working speed specific to the relevant function via a speed adjustment switch (1-2) present on the motor block.

## BACKGROUND OF THE INVENTION

[0002] The currently used processing devices are of two types:

- 1- The device type operated by adding foodstuffs into the device for processing purposes (e.g. Kitchen robot); and
- 2- The device type operated by placing the devices into food containers for processing

purposes (e.g. Hand mixers, hand blenders).

[0003] The present invention allows performance of both operations as indicated above for two different types of food processing devices, in a more practical and compact way, through use of a device driven by one single motor.

[0004] Present invention is based on the fact that all food processing operations are performed via a device driven by one single motor.

#### BRIEF SUMMARY OF THE INVENTION

[0005] Present invention relates to the field of electrical household tools described in general under the name of kitchen robots (1) and used at food processing locations such as kitchens, etc.

#### BRIEF DESCRIPTION OF THE VIEW OF THE DRAWING

[0006] FIGURE 1: Components of Food Processing Device Driven by One Single Motor

[0007] FIGURE 2: Hand blender operations,

[0008] FIGURE 3: Formed cookies application,

[0009] FIGURE 4: Hand mixer (high powerful) operation

[0010] FIGURE 5: Washbasin and dishing brush operations

[0011] FIGURE 6: Can opening operations

[0012] FIGURE 7: Bread cutting operations

[0013] FIGURE 8: Food chopping / cutting / breaking into pieces operations.

## DETAILED DESCRIPTION OF THE INVENTION

[0014] According to present invention, onto the motor block of a kitchen robot, a flexible (elastic, twistable and extendable-shrinkable) motion transfer element (Figure 1-4) that is attached via a detachable sleeve group (1-3) is provided and through which any special functioning accessory (Figure 1-5) is actuated.

[0015] A working speed specific to the relevant function is obtained via a speed adjustment switch (1-2) present on the motor block. An extra on/off switch (1-6) is present on the accessory to switch the same on or off.

[0016] The description of a special functioning accessory is also covered by present invention.

[0017] With the use of present invention, it is possible to carry out a hand blender operation (2), a formed cookies application (3), hand mixer (high powerful) operation (4), washbasin and dishing brush operations (5), can opening operations (6), bread cutting operations (7) and food chopping / cutting / breaking into pieces operations (8).